Interactive comment on "Simulating migration in dynamic vegetation models efficiently with LPJ-GM" *by* Veiko Lehsten et al.

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1. Response to title: We will change the title to Simulating migration in dynamic vegetation models efficiently with LPJ-GM 1.0

2. Response to availability of LPJ-GM 1,0

LPJ-GM is based upon LPJ-GUESS adding one module performing all calculations and new distribution of seeds for the simulation of the migration. There are a few other changes mainly with technical character in other modules.

LPJ-GUESS is an established modelling platform with a large community of users worldwide. Code is available via the portal and procedures managed by Lund University, which has been in place for more than 10 years. Currently more tan 20 persons

in Lund are working on with LPJ-GUESS, so we expect this to be a viable project for the foreseeable future. Code is provided freely to bona fide research users subject to the condition that it is not distributed further, new users being referred back to the portal. Details are available at www.nateko.lu.se/lpj-guess. Thus the code is easy to get, but not open source in a strict sense.

The unit developed for this ms will be made available publicly with an assigned DOI it is attached here as a supplement (migration.cpp). However, the implementation of all procedures was already provided in the attached Matlab script which performs a seed dispersal using the two suggested procedures.

Please also note the supplement to this comment:
https://www.geosci-model-dev-discuss.net/gmd-2018-161/gmd-2018-161-AC1-supplement.zip

Interactive comment on Geosci. Model Dev. Discuss., https://doi.org/10.5194/gmd-2018-161, 2018.